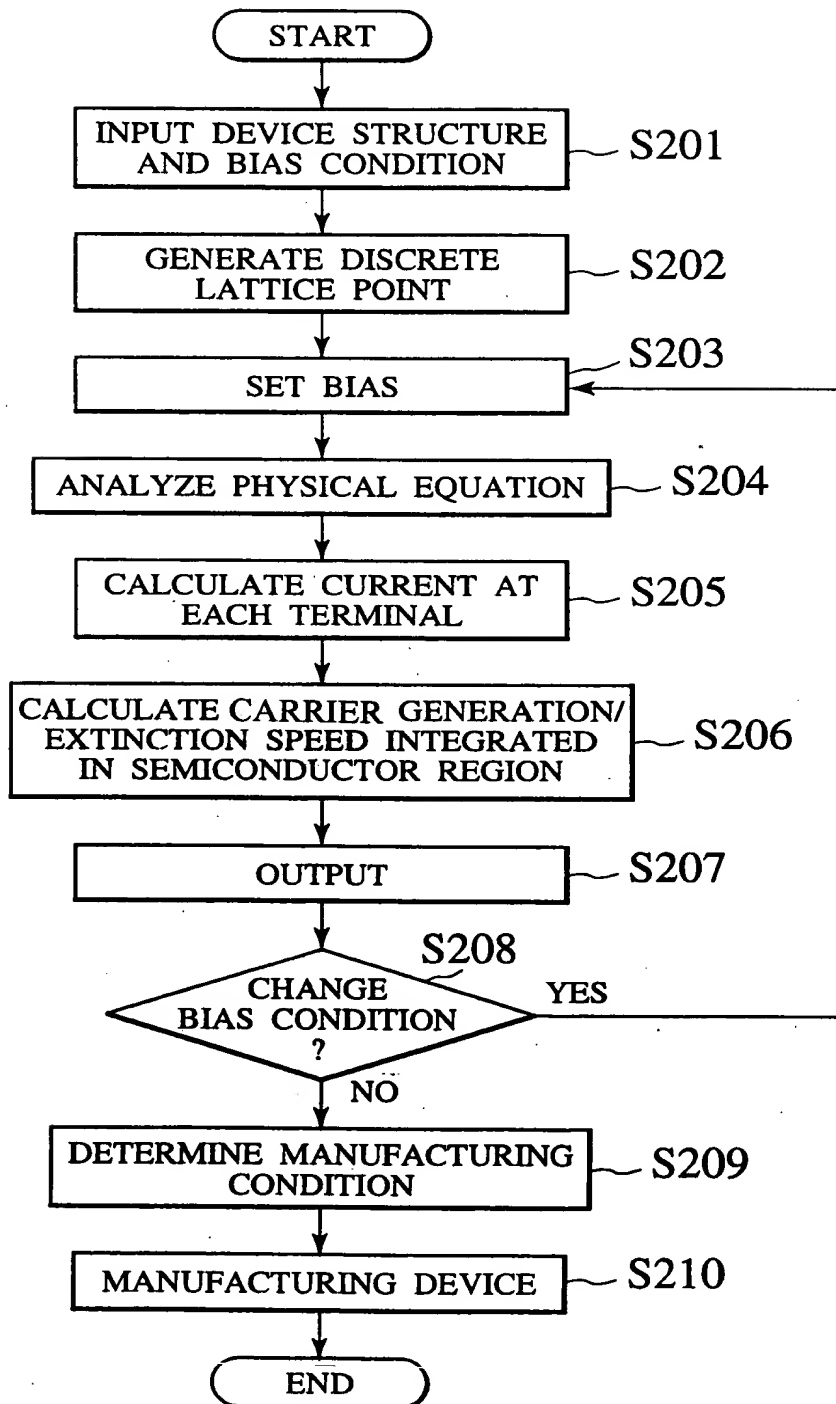




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FIG. 2





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PRIOR ART

FIG. 7A
$$\frac{\delta n}{\delta t} = \frac{1}{q} \vec{\nabla} \cdot \vec{J}_n + GR_n$$

PRIOR ART

FIG. 7B
$$GR_n = GR_{SRHn} + GR_{IIn} + GR_{BBTn}$$

FIG. 7C
$$A_{SRHn} = \int_{Si} GR_{SRHn} dv$$

FIG. 7D
$$A_{IIn} = \int_{Si} GR_{IIn} dv$$

FIG. 7E
$$A_{BBTn} = \int_{Si} GR_{BBTn} dv$$

FIG. 7F
$$J_{SRHn} = q \int_{Si} GR_{SRHn} dv$$

FIG. 7G
$$J_{IIn} = q \int_{Si} GR_{IIn} dv$$

FIG. 7H
$$J_{BBTn} = q \int_{Si} GR_{BBTn} dv$$